

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1.-19. (Cancelled)

20. (Currently Amended) A laser-milled workpiece comprising a workpiece layer having an aperture formed therein via laser ablation of workpiece material, wherein the laser ablation is performed by a laser drilling system driving a laser beam according to a tool path across a surface of said workpiece layer, wherein the tool path [[has]]describes a continuously constant arc speed achieving a continuous spiral by application of the laser beam according to a non-uniformly changing radius and angular progression during the spiral.

21. (Original) The workpiece of claim 20, wherein said workpiece layer is further defined as an inkjet nozzle plate, and the aperture is further defined as an inkjet nozzle.

22. (Original) An inkjet head having the inkjet nozzle of claim 21.

23. (Original) An inkjet printer having the inkjet head of claim 22.

24. (New) The workpiece of claim 20, wherein the tool path has a maximum tool pitch less than fifty percent of average spot size.

25. (New) The workpiece of claim 24, wherein the maximum tool pitch is no more than forty percent of average spot size.

26. (New) The workpiece of claim 25, wherein the maximum tool pitch is no more than thirty percent of average spot size.

27. (New) The workpiece of claim 26, wherein the maximum tool pitch is no more than twenty percent of average spot size.

28. (New) The workpiece of claim 20, wherein the laser drilling system applies an ultrafast laser at a constant rate of fire throughout the spiral.